Susana Clusella-Trullas

List of Publications by Year
in descending order

81	8,575	94433 37	69250 77
papers	citations	h-index	g-index

82	82	82	11680
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First observation of a brood patch on a male sunbird (Chalcomitra amethystina). Journal of Ornithology, 2022, 163, 611-614.	1.1	1
2	How melanism affects the sensitivity of lizards to climate change. Functional Ecology, 2022, 36, 812-825.	3.6	5
3	OUP accepted manuscript. , 2022, 10, coac020.		1
4	Predicted future changes in ocean temperature and pH do not affect prey selection by the girdled dogwhelk Trochia cingulata. African Journal of Marine Science, 2022, 44, 1-9.	1.1	3
5	Aquatic birds have middle ears adapted to amphibious lifestyles. Scientific Reports, 2022, 12, 5251.	3.3	6
6	Non-native populations and global invasion potential of the Indian bullfrog Hoplobatrachus tigerinus: a synthesis for risk-analysis. Biological Invasions, 2021, 23, 69-81.	2.4	4
7	The evolution of critical thermal limits of life on Earth. Nature Communications, 2021, 12, 1198.	12.8	149
8	Untangling the structural and molecular mechanisms underlying colour and rapid colour change in a lizard, Agama atra. Molecular Ecology, 2021, 30, 2262-2284.	3.9	8
9	Intra-specific variation of thermal performance, skin reflectance and body size partially co-vary with climate in a lizard. Biological Journal of the Linnean Society, 2021, 134, 111-125.	1.6	3
10	Geographical bias in physiological data limits predictions of global change impacts. Functional Ecology, 2021, 35, 1572-1578.	3.6	22
11	How useful are thermal vulnerability indices?. Trends in Ecology and Evolution, 2021, 36, 1000-1010.	8.7	59
12	Using stable isotope analysis to answer fundamental questions in invasion ecology: Progress and prospects. Methods in Ecology and Evolution, 2020, 11, 196-214.	5.2	26
13	Navigating through the <scp>r</scp> packages for movement. Journal of Animal Ecology, 2020, 89, 248-267.	2.8	83
14	The evolutionary potential of an insect invader under climate change*. Evolution; International Journal of Organic Evolution, 2020, 74, 132-144.	2.3	33
15	Across-stage consequences of thermal stress have trait-specific effects and limited fitness costs in the harlequin ladybird, Harmonia axyridis. Evolutionary Ecology, 2020, 34, 555-572.	1.2	11
16	The evolution of insect body coloration under changing climates. Current Opinion in Insect Science, 2020, 41, 25-32.	4.4	35
17	Sexâ€specific effects of wind on the flight decisions of a sexually dimorphic soaring bird. Journal of Animal Ecology, 2020, 89, 1811-1823.	2.8	37
18	Infrasonic hearing in birds: a review of audiometry and hypothesized structureâ€“function relationships. Biological Reviews, 2020, 95, 1036-1054.	10.4	22

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19	Biotic Interactions as Mediators of Biological Invasions: Insights from South Africa. , 2020, , 387-427.		21
20	Thermal landscape change as a driver of ectotherm responses to plant invasions. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191020.	2.6	23
21	Thermal tolerance patterns across latitude and elevation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190036.	4.0	215
22	The Bogert Effect and environmental heterogeneity. Oecologia, 2019, 191, 817-827.	2.0	28
23	Rethinking the scale and formulation of indices assessing organism vulnerability to warmer habitats. Ecography, 2019, 42, 1024-1036.	4.5	23
24	Opportunities for behavioral rescue under rapid environmental change. Global Change Biology, 2019, 25, 3110-3120.	9.5	53
25	Environmental temperature alters the overall digestive energetics and differentially affects dietary protein and lipid use in a lizard. Journal of Experimental Biology, 2019, 222, .	1.7	22
26	Standards for distribution models in biodiversity assessments. Science Advances, 2019, 5, eaat4858.	10.3	605
27	Climate change vulnerability assessment of species. Wiley Interdisciplinary Reviews: Climate Change, 2019, 10, e551.	8.1	255
28	Niche shift and resource supplementation facilitate an amphibian range expansion. Diversity and Distributions, 2019, 25, 154-165.	4.1	20
29	GlobTherm, a global database on thermal tolerances for aquatic and terrestrial organisms. Scientific Data, 2018, 5, 180022.	5.3	164
30	Managing consequences of climateâ€driven species redistribution requires integration of ecology, conservation and social science. Biological Reviews, 2018, 93, 284-305.	10.4	154
31	Behavioral thermoregulation is highly repeatable and unaffected by digestive status in Agama atra. Integrative Zoology, 2018, 13, 482-493.	2.6	18
32	Thermal consequences of colour and near-infrared reflectance. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160345.	4.0	125
33	Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. Science, 2017, 355, .	12.6	2,026
34	Beyond colour: consistent variation in near infrared and solar reflectivity in sunbirds (Nectariniidae). Die Naturwissenschaften, 2017, 104, 78.	1.6	19
35	Effects of nutrient and water restriction on thermal tolerance: A test of mechanisms and hypotheses. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 212, 15-23.	1.8	45
36	Lizards paid a greater opportunity cost to thermoregulate in a less heterogeneous environment. Functional Ecology, 2017, 31, 856-865.	3.6	66

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37	Parasites of Harmonia axyridis: current research and perspectives. BioControl, 2017, 62, 355-371.	2.0	47
38	Impacts of invasive plants on animal diversity in South Africa: A synthesis. Bothalia, 2017, 47, .	0.3	24
39	Sexual dimorphism and physiological correlates of horn length in a South African isopod crustacean. Journal of Zoology, 2016, 300, 99-110.	1.7	9
40	First finding of the parasitic fungusHesperomyces virescens(Laboulbeniales) on native and invasive ladybirds (Coleoptera, Coccinellidae) in South Africa. Parasite, 2016, 23, 5.	2.0	13
41	The harlequin ladybird, Harmonia axyridis: global perspectives on invasion history and ecology. Biological Invasions, 2016, 18, 997-1044.	2.4	275
42	Drivers, impacts, mechanisms and adaptation in insect invasions. Biological Invasions, 2016, 18, 883-891.	2.4	53
43	Predicted decrease in global climate suitability masks regional complexity of invasive fruit fly species response to climate change. Biological Invasions, 2016, 18, 1105-1119.	2.4	56
44	The speed and metabolic cost of digesting a blood meal depends on temperature in a major disease vector. Journal of Experimental Biology, 2016, 219, 1893-902.	1.7	22
45	Exotic trees modify the thermal landscape and food resources for lizard communities. Oecologia, 2016, 182, 1213-1225.	2.0	13
46	Do projections from bioclimatic envelope models and climate change metrics match?. Global Ecology and Biogeography, 2016, 25, 65-74.	5.8	19
47	Interactions between rates of temperature change and acclimation affect latitudinal patterns of warming tolerance. , 2016, 4, cow053.		50
48	The Behavior-Physiology Nexus: Behavioral and Physiological Compensation Are Relied on to Different Extents between Seasons. Physiological and Biochemical Zoology, 2015, 88, 384-394.	1.5	40
49	Plasticity of thermal tolerance and metabolism but not water loss in an invasive reed frog. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 189, 11-20.	1.8	21
50	Mojave desert tortoise (Gopherus agassizii) thermal ecology and reproductive success along a rainfall cline. Integrative Zoology, 2015, 10, 282-294.	2.6	8
51	Effects of within-generation thermal history on flight performance of Ceratitis capitata: colder is better. Journal of Experimental Biology, 2014, 217, 3545-56.	1.7	23
52	Lack of coherence in the warming responses of marine crustaceans. Functional Ecology, 2014, 28, 895-903.	3.6	53
53	Effects of temperature on heat-shock responses and survival of two species of marine invertebrates from sub-Antarctic Marion Island. Antarctic Science, 2014, 26, 145-152.	0.9	31
54	Range expansions across ecoregions: interactions of climate change, physiology and genetic diversity. Global Ecology and Biogeography, 2014, 23, 76-88.	5.8	59

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55	Lizard thermal trait variation at multiple scales: a review. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2014, 184, 5-21.	1.5	154
56	Matching species traits to projected threats and opportunities from climate change. Journal of Biogeography, 2014, 41, 724-735.	3.0	72
57	Multiple Dimensions of Climate Change and Their Implications for Biodiversity. Science, 2014, 344, 1247579.	12.6	519
58	Conservation implications of omitting narrowâ€ranging taxa from species distribution models, now and in the future. Diversity and Distributions, 2014, 20, 1307-1320.	4.1	44
59	Thermal tolerance of Cyrtobagous salviniae: a biocontrol agent in a changing world. BioControl, 2014, 59, 357-366.	2.0	13
60	New Records of the Parasitic waspDinocampus coccinellae(Hymenoptera: Braconidae) and its Hosts in South Africa. African Entomology, 2014, 22, 226-229.	0.6	11
61	Upper thermal limits in terrestrial ectotherms: how constrained are they?. Functional Ecology, 2013, 27, 934-949.	3.6	519
62	Farm dams facilitate amphibian invasion: Extraâ€limital range expansion of the painted reed frog in <scp>S</scp>outh <scp>A</scp>frica. Austral Ecology, 2013, 38, 851-863.	1.5	17
63	Metabolic and water loss rates of two cryptic species in the African velvet worm genus Opisthopatus (Onychophora). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 323-332.	1.5	14
64	Exploring consensus in 21st century projections of climatically suitable areas for African vertebrates. Global Change Biology, 2012, 18, 1253-1269.	9.5	136
65	The effects of acclimation and rates of temperature change on critical thermal limits in Tenebrio molitor (Tenebrionidae) and Cyrtobagous salviniae (Curculionidae). Journal of Insect Physiology, 2012, 58, 669-678.	2.0	73
66	Comment on â€œErosion of Lizard Diversity by Climate Change and Altered Thermal Nichesâ€. Science, 2011, 332, 537-537.	12.6	44
67	Climatic Predictors of Temperature Performance Curve Parameters in Ectotherms Imply Complex Responses to Climate Change. American Naturalist, 2011, 177, 738-751.	2.1	384
68	Local adaptation for body color in Drosophila americana: commentary on Wittkopp et al.. Heredity, 2011, 106, 904-905.	2.6	14
69	Population responses within a landscape matrix: a macrophysiological approach to understanding climate change impacts. Evolutionary Ecology, 2010, 24, 601-616.	1.2	24
70	Effects of acclimation temperature on thermal tolerance, locomotion performance and respiratory metabolism in Acheta domesticus L. (Orthoptera: Gryllidae). Journal of Insect Physiology, 2010, 56, 822-830.	2.0	123
71	Phenotypic plasticity of gas exchange pattern and water loss in Scarabaeus spretus (Coleoptera: Scarabaeidae): deconstructing the basis for metabolic rate variation. Journal of Experimental Biology, 2010, 213, 2940-2949.	1.7	57
72	Phenotypic Plasticity of Locomotion Performance in the Seed HarvesterMessor capensis(Formicidae). Physiological and Biochemical Zoology, 2010, 83, 519-530.	1.5	36

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73	Directional Evolution of the Slope of the Metabolic Rateâ€“Temperature Relationship Is Correlated with Climate. Physiological and Biochemical Zoology, 2009, 82, 495-503.	1.5	64
74	Macrophysiology: A Conceptual Reunification. American Naturalist, 2009, 174, 595-612.	2.1	298
75	Thermal benefits of melanism in cordylid lizards: a theoretical and field test. Ecology, 2009, 90, 2297-2312.	3.2	76
76	Testing the thermal melanism hypothesis: a macrophysiological approach. Functional Ecology, 2008, 22, 232-238.	3.6	140
77	Thermal tolerance in a south-east African population of the tsetse fly Glossina pallidipes (Diptera,) Tj ETQq1 1 0.784314 rgBT /Overloc 54, 114-127.	2.0	131
78	Investigating onychophoran gas exchange and water balance as a means to inform current controversies in arthropod physiology. Journal of Experimental Biology, 2008, 211, 3139-3146.	1.7	15
79	Faecal analysis suggests generalist diets in three species of Western Cape cordylids. African Zoology, 2008, 43, 125-130.	0.4	6
80	Faecal analysis suggests generalist diets in three species of Western Cape cordylids. African Zoology, 2008, 43, 125-130.	0.4	4
81	Critical thermal limits depend on methodological context. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2935-2943.	2.6	380